

SHARP 21S-FX10U OPERATION MANUAL



Table of Contents

[Safety Precautions](#)

[Accessories](#)

[Antenna Connection](#)

[Connecting and Watching DVD](#)

[quick reference](#)

[remote control](#)

[Connecting Other Equipments](#)

[Part Names](#)

[channel recall](#)

[favourite channels](#)

[Selecting Menu Items](#)

[Useful Features](#)

[Troubleshooting](#)

[Specifications](#)

[Other ManualsLib Projects](#)

SHARP®

COLOUR TELEVISION
21S-FX10U
OPERATION MANUAL

E1 SAFETY PRECAUTIONS

Damage

– Turn off the power and unplug the power cord from the wall outlet immediately if the TV set begins to make any unusual noises or gives off smoke or an unusual smell. Then call your dealer for service.

Unstable surface and shocks

– Do not place this TV set on an unstable cart, stand, shelf, or table. The TV set may fall, causing serious injury to a child or adult, and serious damage to the set. Sharp recommends securing the TV set to a stable surface or wall to prevent the set from falling due to sudden shocks or impact.

Moisture

– To prevent electrical shock, do not use the TV set in an excessively damp place.

Liquid entry

– Do not place a flower vase or anything else containing liquid on the TV set, as liquid spilt on the TV set can cause electrical shock or failure.

TV Set position

– Do place the TV set onto an even stand, table or rack which size is bigger than the TV set. If the TV set is put onto a smaller size or uneven stand, table or rack may cause the TV cabinet distort. Do not put or insert anything between TV set and the stand, table or rack.

Ventilation

– Do not place this TV set in a confined area, such as on a bookshelf or in a built-in case. Leave adequate space behind the TV for proper ventilation.

Servicing

– To reduce the risk of electric shock, do not remove the back of the cabinet. This TV set contains dangerous voltage.

Power-cord protection

– To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.

Water

– To prevent fire or electrical shock, do not place the TV set near a bathroom, swimming pool or other area where it may become wet.

Object entry

– Never insert or drop any metallic or inflammable objects into the ventilation openings of the TV set, as this can cause fire, electrical shock, or electrical failure.

Uneven surface and excessive force

– Television equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.

Fire prevention

– To prevent fire, never place any type of candle or naked flames on the top or near the TV set.

Electrical installation

– All pole mains switch with a separation of at least 3 mm in each pole shall be incorporated in the electrical installation of the building.

ENGLISH (На загорити)
УКРАЇНСЬКА

TINS-D538WJZZ
08P01-MSF

E2 ACCESSORIES

The following accessories are included with this television.

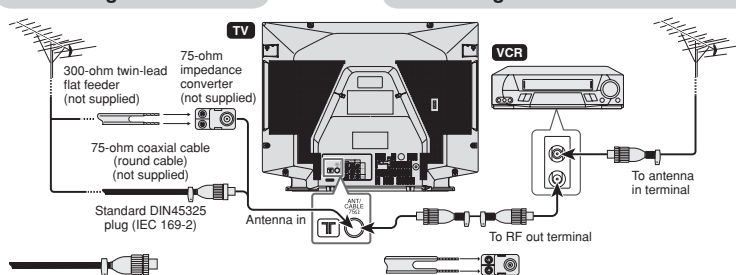


NOTE

* This 3.5mm stereo cable can only plug in those mobile players that have 3.5mm jack.
* Unplug the AC cord from the AC outlet before cleaning the product. Use a microfibre cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.

E3 ANTENNA CONNECTION

Connecting to an antenna



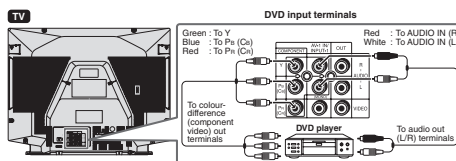
If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna jack at the rear of the set.

If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

E4 CONNECTING AND WATCHING DVD

Connecting to a DVD player

The DVD input terminals (COMPONENT-IN) on the rear of the TV can be used to input high-quality images from a DVD player.



Connecting the video terminals

DVD input terminals	DVD player
Y	Y
Pb(Cb)	Pb(Cb) or B-Y/Pb
Pr(Cr)	Pr(Cr) or R-Y/Pr

Watching DVD

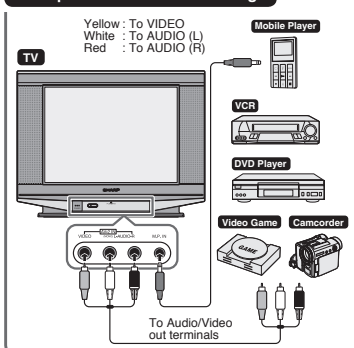
- Press **TV/VIDEO** to select "COMPONENT", DVD input screen.
- Turn on the DVD player and begin playback.



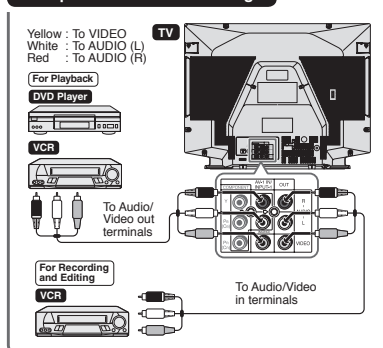
E5 CONNECTING OTHER EQUIPMENTS

Enjoy playback from a video disc player, VCR or other video equipment by connecting them to this TV set using the Audio/Video in terminals.

Example of front terminals usage



Example of rear terminals usage

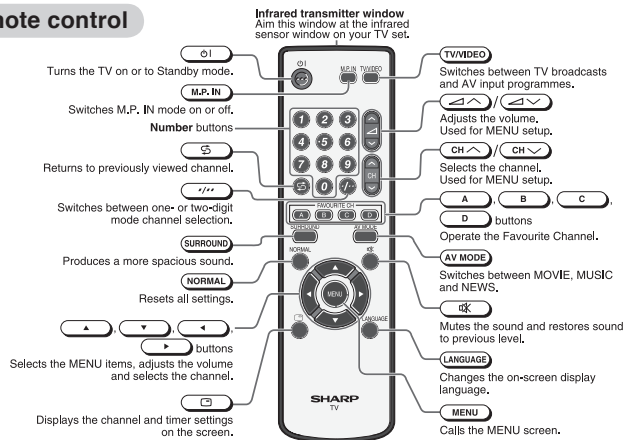


NOTE

- For playback of monaural audio, connect the external source to the audio input left terminal on the front or rear of the TV set (MONO) to hear the same sound from both speakers.
- If connect the external source to the audio input right terminal only, sound will not come out from both speakers during SURROUND ON condition. Please turn off the SURROUND to hear sound from right speaker only or connect to the audio input left terminal if want to enjoy sound from both speakers.

E6 PART NAMES

Remote control



E6 PART NAMES (Continued)

Quick Reference

Remote control	TV set	Operation
or		- Selects the channels. - Used to select MENU items.
or		- Adjusts the volume. - Used to adjust MENU items.
		- Calls the MENU screen. - Used to return to previous screen or exit MENU screen.

E7 SELECTING MENU ITEMS

PICTURE menu

CONTRAST	50
COLOUR	0
BRIGHTNESS	+10
TINT	0
SHARPNESS	-10
PICTURE NR	OFF
WHITE TEMP	OFF

Selected item	Press	Press
CONTRAST	To decrease contrast	To increase contrast
COLOUR	For less colour intensity	For more colour intensity
BRIGHTNESS	For less brightness	For more brightness
TINT*	To move tint toward red	To move tint toward green
SHARPNESS	For less sharpness	For more sharpness
PICTURE NR	ON ↔ OFF	(see note below)
WHITE TEMP	To more reddish background	To more bluish background

- *: TINT can only be selected and adjusted when receiving NTSC broadcasts.
- Picture Noise Reduction
- Noise might be generated on images when playing deteriorated video tapes or when receiving broadcasts with relatively weak signals. In these cases, set PICTURE NR to "ON" to reduce the noise. However, when receiving good images without noise, you can get better image quality by turning OFF this feature.
- WHITE TEMP can only be adjusted on PICTURE menu.
- The CONTRAST, COLOUR, BRIGHTNESS, TINT, SHARPNESS, PICTURE NR and WHITE TEMP setting can be set differently for individual AV MODE setting.

SOUND menu

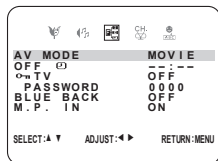
SURROUND	OFF
TREBLE	+10
BASS	-10
BALANCE	0
AVL	OFF
LOUDNESS	ON

Selected item	Press	Press
SURROUND	ON ↔ OFF	ON ↔ OFF
TREBLE	To decrease treble	To increase treble
BASS	To decrease bass	To increase bass
BALANCE	To shift balance toward left	To shift balance toward right
AVL	The AVL is ON	ON ↔ OFF The AVL is OFF
LOUDNESS	The LOUDNESS is ON	ON ↔ OFF The LOUDNESS is OFF

- OFF: Produces normal sound.
- ON: Setting to this mode during stereo signal reception produces a spacious sound, making the most of the speaker's performance.
- ON: Setting to this mode during monaural signal reception creates monaural sound that is similar to stereophonic sound.
- When SURROUND is set to "ON" or "ON", BALANCE cannot be selected.
- The SURROUND, TREBLE and BASS setting can be set differently for individual AV MODE setting.

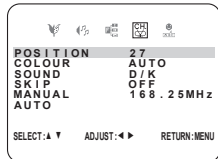
E7 SELECTING MENU ITEMS (Continued)

FEATURES menu



- **AV MODE**
 MOVIE → MUSIC → NEWS →
- **OFF (OFF TIMER)**
 – Automatically turns power off after a set length of time has passed.
- **TV (CHILD LOCK)**
 – Preventing children from watching TV.
 – If you forget your PASSWORD, please input “2398” to enter, then change to new PASSWORD.
- **BLUE BACK**
 – Automatically turns the screen blue if a broadcast signal is not received.
- **M.P. IN**
 – When external mobile player is plugged into the M.P. IN jack, you may listen to the sound source from TV speaker.
 – If external mobile player is not plugged into M.P. IN jack, **M.P. IN** will not functioning.

CH-SETTING menu



- **POSITION**
 – The channel position changes to the higher or lower number.
- **COLOUR**
 AUTO → PAL → SECAM → NTSC4.43 → NTSC3.58 →
- **SOUND**
 B/G → I → D/K →
- **SKIP**
 ON → OFF
- **MANUAL (Fine tuning)**
 - Each time **←** / **→** is pressed, the frequency changes to allow fine tuning and the colour of channel number changes to yellow to indicate fine tuning.
 - Press **←** / **→** for more than 2 seconds, the “Manual Channel Tuning” will start. If a signal is found, the Manual Channel Tuning will stop searching.
- **AUTO**
 Press **←** / **→** and Auto Channel Tuning is started. Auto tuning bar will shown during Auto Search only.

LANGUAGE menu



The on-screen display language can be set to English, French, Russian or Arabic.

→ ENGLISH ↔ FRANÇAIS ↔ РУССКИЙ ↔ العربية ←

NOTE

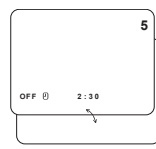
- When the sound is not stable or no sound, switching to an appropriate system may improve the sound quality.
- The on-screen displays in this manual may differ from their actual appearance.

E8 USEFUL FEATURES

Channel / Timer display

Displays the current channel number, the timer, and other settings on the screen.

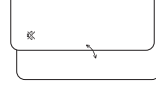
- Press **CH**.
 • The time remaining on the Off timer and channel number appears on the screen.
 • When no timer is set, the channel number appear on the screen.
- Press **CH** once again. The display disappears.



Mute

Silences the sound.

- Press **MUTE**.
 • Press **MUTE**, “M” appears on the screen, and the sound is silenced.
- Press **MUTE**, the volume returns to its previous level.
 • Mute will be cancelled if the **CH** or **CH** is pressed at any time.

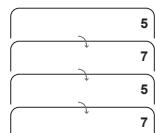


Channel recall

Switches back to the channel you were watching just before the current channel.

- Press **CH**.
 • The channel previously viewed returns to the screen.

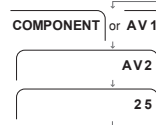
Example:
 After switching from channel 5 to channel 7, **CH** is pressed, the channel will change to channel 5. Press **CH** again to return to channel 7.



TV / Video selection

Switches between TV broadcasts and AV input programmes.

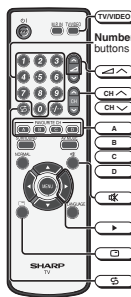
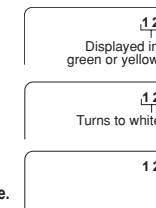
- Each time you press the **TV/VIDEO**, the input switches between AV1 (or COMPONENT), AV2 and TV programme.



Favourite channels

The **A**, **B**, **C**, **D** buttons can be used to select up to four favourite channels.

- Press **CH** / **CH** to select your favourite channel. (e.g. Channel 12)
- Press **A** for example, until channel number turns white.
 • The display will disappear after four seconds, and then the selected channel is preset.
- To watch favourite channel, press **A**.
 • The preset favourite channel will be displayed. (e.g. Channel 12)
- To preset another favourite channel, repeat steps 1 and 2 above.
 • To change a preset favourite channel, repeat steps 1 and 2 above.



E9

TROUBLESHOOTING

The following problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.
If, after following the guide none of the remedies work, unplug the TV set and call for service.

Quick Service Check List

Possible Causes/Remedies

Possible Causes/Remedies	Problems											
	Remote control does not work.	Bars on screen.	Picture distorted.	Picture rolls vertically.	No colour.	Poor reception on some channels.	Picture weak.	Picture lines or streaks.	Picture ghosting.	Picture blurred.	Sound OK, picture poor.	Picture OK, sound poor.
Try a new channel to check for possible station trouble.			●	●	●	●	●	●	●	●	●	●
TV not plugged in. Outlet power OFF.	●											●
⓪POWER switch of TV not ON.	●											●
Antenna not connected to terminal at the back of the TV set.					●	●	●	●	●	●	●	●
If outside antenna is used, check for broken wires.		●	●	●	●	●	●	●	●	●	●	●
Check for local interference.		●		●		●		●	●	●	●	
Turn OFF using the ⓪POWER switch, then turn ON again after 8 minutes.	●											●
Adjust COLOR control.					●		●				●	
Check batteries in the remote control.	●											
Try fine tuning to correct.			●		●		●			●	●	
Contrast setting in picture mode might be all the way to the minus side. Press the NORMAL button on the remote control to correct.											●	●
Increase the volume.											●	●

This unit is equipped with a microprocessor. Its performance could be adversely affected by external electrical noise or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

E10

SPECIFICATIONS

MODEL	21S-FX10U
Receiving System	PAL – B/G, I, D/K SECAM – B/G, D/K, K1 NTSC 4.43 – B/G, I, D/K
Receiving Frequency	44.25 MHz – 863.25 MHz
Channel Tuning	100-Channel Electronic Tuner with Full Auto Tuning System
Terminals	Audio/video input x 2 (front x 1, rear x 1), Audio/video output x 1 (rear), M.P. IN jack x 1 (front), DVD Input (COMPONENT) x 1 (rear)
Sound Output	3 W (RMS) x 4, total 12 W (RMS)
Power Source	AC 110 – 240V, 50/60 Hz
Power Consumption	98 W
Dimensions	577 (W) x 467 (H) x 340 (D) mm
Weight	20 kg (Approx.)

NOTE

- Design and specifications are subject to change without notice.
- Receiving system: These receiving systems, encompassing all currently available technology, include those with planned broadcast, videotape and laserdisc hardware and software.

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